Esslingen University of Applied Sciences Faculty of Automotive Engineering

About this organisation

Machine translation

This organisation has been machine-translated based on data provided in German.

We are one of the leading universities of applied sciences in Germany.

Investigations on materials, joints and components under quasi-static, oscillating and impact loads as well as fracture mechanics investigations. Influence of environmental conditions (temperature, humidity, corrosion). Metallic and non-metallic materials, competence area fibre-reinforced materials. Mechanical and tribological tests on medical devices. Experimental stress analysis. Metallography, damage analyses, ZFP. Accredited testing laboratory according to DIN EN ISO17025 and for medical device testing

Kanalstraße 33
73728 Esslingen
Baden-Württemberg
Germany
www.hs-esslingen.de/

Hochschule Esslingen
University of Applied Sciences
Nah an Mensch und Technik.

Organisation type
University or higher education institution

Sectors

Employees
500 and more

Turnover
More than €50m

Funding
n/a

Main areas covered	Joints, fibre-reinforced materials, Mechanical tests, tribological tests, Stress analysis
Infrastructure	
Certifications	DIN EN ISO17025
Keywords	
Memberships	

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Overview of lightweighting expertise

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	Research	Development	Manufacturing & Supply
Offer			
Products Systems and end products, Materials	✓		
Services & consulting			
Field of technology			
Design & layout			
Functional integration			
Measuring and testing technology			
Modelling and simulation			
Plant construction & automation			
Recycling technologies			
Manufacturing process			
Additive manufacturing			
Coating (surface engineering)			
Fibre composite technology			
Forming			
Joining			
Material property alteration			
Primary forming			
Processing and separating			
Textile technology			

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Overview of lightweighting expertise

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	Research	Development	Manufacturing & Supply
Material			
Biogenic materials			
Cellular materials (foam materials)			
Composites			
Fibres			
Functional materials			
Metals			
Plastics			
Structural ceramics			
(Technical) textiles			

Contacts

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